

General Environmental Incident Summary

Incident: 1835 **Date/Time Notice:** 12/13/2012 0740 **DEM Incident No:**
Responsible Party: Triple N Transport
Date Incident: 12/11/2012 **Time Incident:** 0900 **Duration:** 30 minutes
County: Bottineau **Twp:** 162 **Rng:** 82 **Sec:** 28 **Qtr:** NE
Lat: 48.82821 **Long:** -101.31090 **Method:** Derived from TRS
Location Description: 500' west of intersection of HWY 256 and 98th st NW; South side of 98th, take driveway to old gravel pit. This place is built next to it.

Submitted By: Chris Karalius **Affiliation:**
Address:
City: **State:** **Zip:**

Received By:

Contact Person: Ross Pickar
5 Main st N.
Berthold, ND 58718

Distance Nearest Occupied Building: 500 Feet

Type of Incident: Tank Overflow

Description of Released Contaminant: 28% liquid nitrogen fertilizer

Volume Spilled: 2500.00 gallons **Ag Related:** Yes

EPA Extremely Hazardous Substance: No **Reported to NRC:** Unknown

Cause of Incident:

the tank level site glass was inoperable due to the top gate valve on site glass being closed resulting in inaccurate liquid level reading. the chemical came out of the top of the tank in to the incomplete containment area and spilling on to soil outside of the containment area.

Risk Evaluation:

None

of Fatalities: 0 **# of Injuries:** 0 **Affected Medium:** 03 - soil

Potential Environmental Impacts:

possible water impact. Both surface and water table due to elevated nitrate levels

Action Taken or Planned:

temp berms were built to stop the flow and soil was placed on puddles to absorb free standing chemical. all impacted snow and soil was scrapped up and put on polly inside a temp containment. Kris Roberts from the state health dept advised us and the land owner that due to the close proximity to two water sources and a fresh water well that supplies at least two household, we need to move the tanks and dig out the containment area and surrounding area and rebuild the chemical containment area replace the tanks and refill them with the original product.

Wastes Disposal Location: all impacted material will be disposed of at Clean Harbors in sawyer

ND.

Agencies Involved:

Updates

Date: 12/13/2012 ***Status:*** Inspection

Author: Roberts, Kris

Updated Volume:

Notes:

Location inspected. Photos taken. Recommendation is to move tanks off contaminated pad and remove all contaminated materials from site. Immediately adjacent abandoned gravel pit, pond and associated private drinking water well at risk otherwise. Farmer leasing land, transporter responsible for release and insurance company in communication. Awaiting decision.

Date: 2/11/2013 ***Status:*** Inspection

Author: Roberts, Kris

Updated Volume:

Notes:

Talked this date with Earthmovers. All contaminated material above line and the liner has been removed. Using field test kits and laboratory confirmation to excavate impacted areas below the liner. So far, hot spots have been excavated to between 2 and 4 feet below the liner level. Confirmation samples sent to laboratory should be back in next few days and any further excavation indicated will be done then.

Samples collected from private well to the northwest came back from NDDoH Laboratory clean. Additional sample bottles for nitrate analysis will be sent to nearby homeowner to be collected every 2 months through October, 2013, at no charge other than postage.

Date: 2/14/2013 ***Status:*** Inspection

Author: Roberts, Kris

Updated Volume:

Notes:

Earthmovers contracted to remove all contaminated materials, including liner and any underlying contaminated soil. According to nearby neighbor, equipment still removing and hauling material from the location.

Date: 11/18/2013 ***Status:*** Correspondence

Author: Roberts, Kris

Updated Volume:

Notes:

Talked with home owner. All semi-monthly results so far are negative for fertilizer compounds in the we private water supply well. However, to provide peace of mind, DoH will continue semi-monthly analysis through June, 2014.